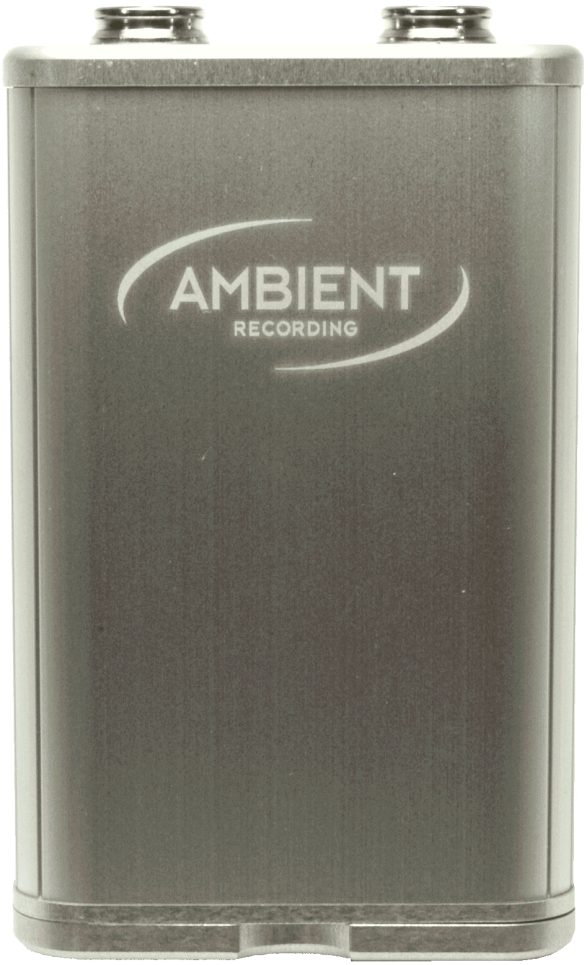
AMBIENT RECORDING

Universal Microphone Power Supply

UMP II

Instruction Manual



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UMP II

Purchased Parts Package

1) UMP II

2) Microphone cable
   3-pin mini XLR female to 3-pin XLR female

3) Transmitter cable
   3-pin mini XLR female to open end
   (standard)

4) Instruction manual

Safety Instructions

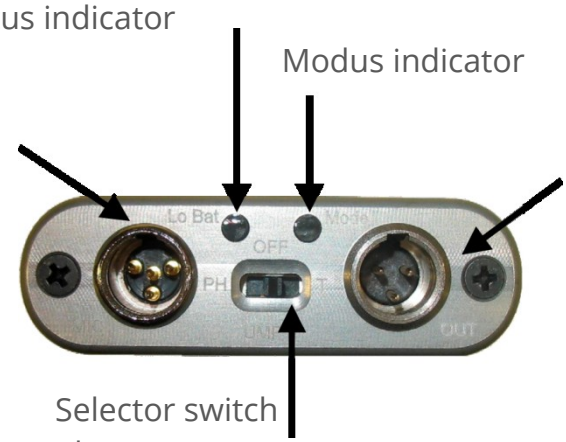
- Please switch off the UMP II before you plug or unplug cables.
- Select the right mode of microphone (Phantom or T-power) and if you will use a Phantom-power-microphone the Phantom voltage 48Volt or 12Volt, before switching on the unit.
- Take care that the cables will not produce background noise.
- The UMP II is not waterproof. Wipe off any water droplets with a dry cloth.
- Do not use paint thinner, benzene, or other organic solvents to clean the equipment.
- Have a look to the right polarity when you change the batteries.
- If the UMP II will not be used for an extended period, remove the batteries.
- Switch off the UMP II before you put out the batteries and when you don’t need it.

Product Description

Battery status indicator

Modus indicator

MIC-Input
4-pin mini XLR male
connector for microphone



OUT-Output
3-pin mini XLR male
connector for
audio transmitter

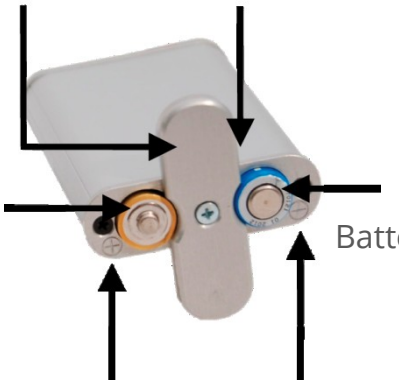
Selector switch
Phantom - OFF - T-power

Switch Phantom 48V or 12V

Switch outside = Ph 48V
Switch inside = Ph 12V

Switch
Phantom 48V or 12V
(Inside of the housing)

Battery flap

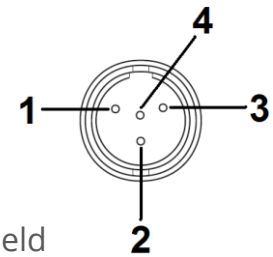


Battery

Battery

Battery polarity sign

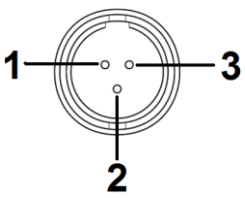
Mini XLR-4M



1 = ground/ shield
2 = Audio +

Front view

Mini XLR-3M



1 = ground/ shield
2 = Audio +

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UMP II

3 = Audio -
4 = not connected

3 = Audio -
(for unbalanced output connect pins 1 & 3)

Start Up

Select Phantom 48/ 12V

You can change Phantom power 48Volt to
Phantom power 12Volt via internal switch.

Open the battery flap.
Remove the battery with the minus pole outside.
Now you can see the switch.

Use a small flat-headed screwdriver to change the switch-position
but please take care that you don't scratch the PCB.

Insert Batteries

The UMP II is powered by two 1.5Volt AA-batteries.
Open the battery flap and insert the batteries.
Look to it that the polarity of the batteries is right.
Replace the battery flap.

Assembling the UMP II to the Mounting Plate (QWB)

Assemble the UMP II downwards on to the
"QWB" mounting plate.

The audio-transmitter can be mounted on the
other side of the "QWB".

Install the cables er
take care that the cables will not produce background noise.

Connection to a Microphone

Connect the UMP II with the delivered cable
(4-pin mini XLR female to 3-pin XLR female)
to the condenser microphone.

4-pin mini XLR to MIC-input of UMP II,
3-pin XLR to the microphone

Connection to an Audio-Transmitter

Connect the UMP II with the delivered cable
(standard cable: Mini XLR-3F connector to open end)
to the Audio-transmitter.

We offer various ready-to-use cables,
for example note picture on the left –
UMP II to Lectrosonics-transmitter.

Special cables on request

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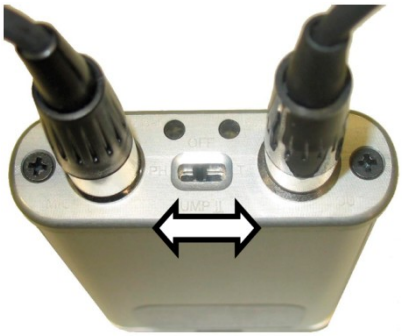
UMP II

Switching ON/ OFF

Connect the microphone and the audio-transmitter.

Switch the selector switch to Phantom (“PH”) or T-power (“T”).
Which position depends on which microphone is in use.

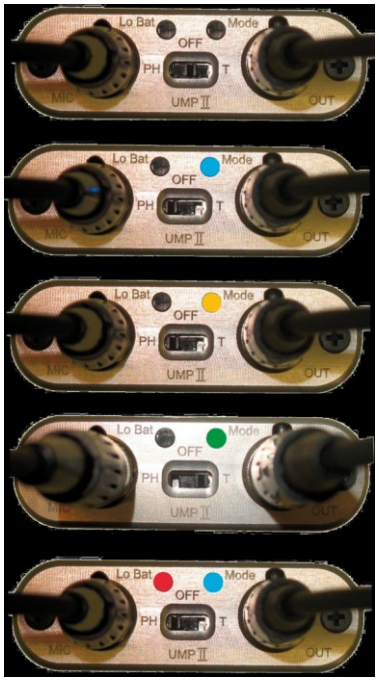


Switch position PH: Phantom-power
Switch position T: T-power
Middle-position: OFF

Please take care of PH48V or PH12V
– switchable with the internal switch.

After switching on, the Mode LED will light up in the corresponding color.
If the LED´s don’t light up, please control the microphone connection, the operation mode and the batteries.

LED - Display



OFF, no microphone is connected

Battery OK, Phantom 48V (blue LED)

Battery OK, Phantom 12V (yellow LED)

Battery OK, T-Power (green LED)

LOW Battery, (Phantom 48V)

The “Mode” LED just light up when the microphone is connected and the selector switch is adjusted to „PH” or „T“.

experience quality.

Technical Data

Connectors:

Microphone:	4-pin mini XLR male (panel jack)
Audio-transmitters:	3-pin mini XLR male (panel jack)

Compatibility to Audio-transmitters:

Full compatible to all transmitters

Compatibility to Condenser-Microphones:

Full compatible to all condenser-microphones.

Microphone power supply:

Phantom 48Volt
Phantom 12Volt
T-power 12Volt

Dimensions and weight:

Dimensions:	5.7 cm x 9.2 cm x 1.8 cm
Weight:	100 gr (without batteries)
Housing:	aluminum profile housing, anodized

LED-display:

Low battery:	red
Phantom 48V:	blue
Phantom 12V:	yellow
T-power:	green

Electrical Data:

Current supply:
3 Volt, 2x AA-Batteries (Mignon-Battery, each 1.5V)

For satisfying performance we strongly recommend the exclusive use of Alkaline or Lithium type batteries from reputable and proven manufacturers.

Power consumption:	Phantom 48V: approx. 30mA
Phantom 12V and T-power:	approx. 4mA

The current will be higher when a microphone is connected

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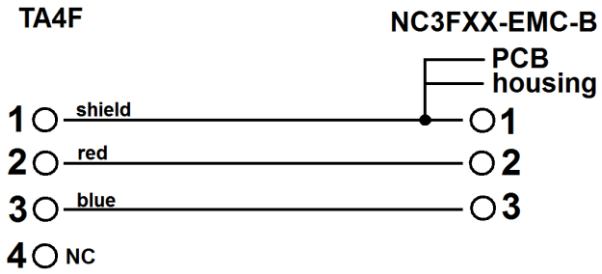
UMP II

Wiring Information

UMP-EMC

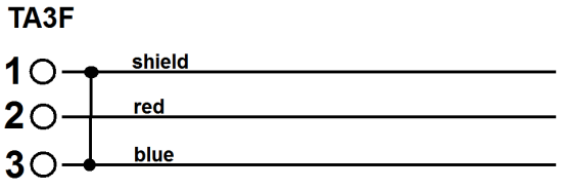


TA4F to Neutrik 3-pin XLR/ EMC female

...MC female-pin XLR/

Cable: Per2x0.14CP
Length: connector end to connector end 32 cm

UMP-OUT/offenes Ende

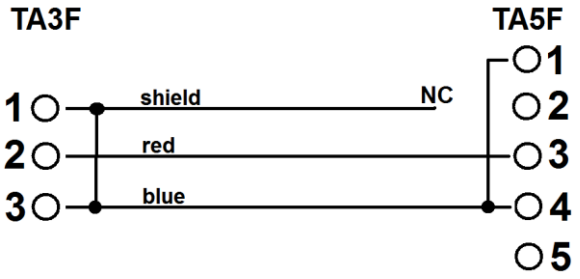


TA3F to open end

... standard cable

Cable: Per2x0.14CP

UMP-OUT/5S



TA3F to TA5F

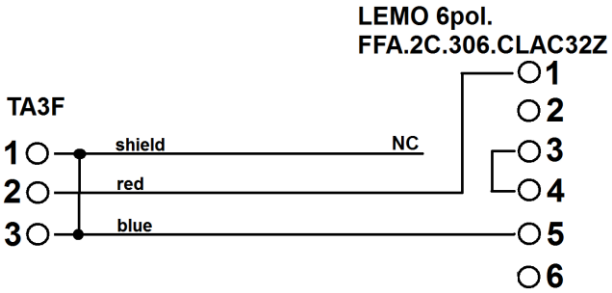
... for Lectrosonics SMx

... bridge 1-4 not applied for

Lectrosonics non-servo-bias inputs

Cable: Per2x0.14CP
Length: connector end to connector end 16,5 cm

UMP-OUT/6L



TA3F to 6-pin Lemo

... for Audio LTD 20xx

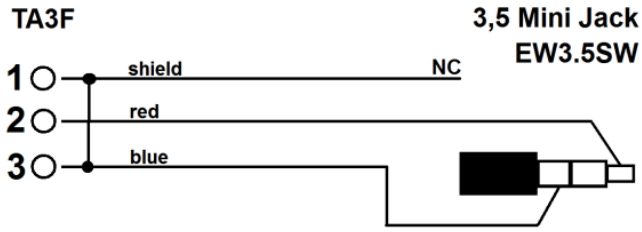
Cable: Per2x0.14CP
Length: connector end to connector end 16,5 cm

UMP-OUT/3.5

TA3F to 3,5mm TRS

... for Sennheiser „Evolution“-serie

... for Sony UTX



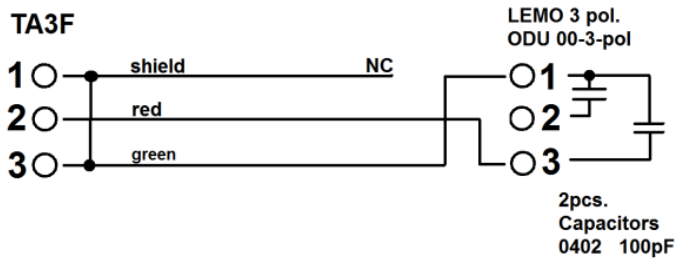
Cable: Per2x0.14CP
Length: connector end to connector end 16,5 cm

UMP-OUT/3L

TA3F to 3-pin Lemo

... for Sennheiser „SK“-serie

... for Zaxcom TRX900

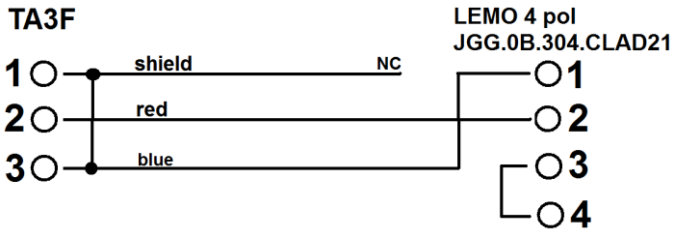


Cable: Per2x0.05
Length: connector end to connector end 16,5 cm

UMP-OUT/4L

TA3F to 4-pin Lemo

... for Audio LTD Envoy

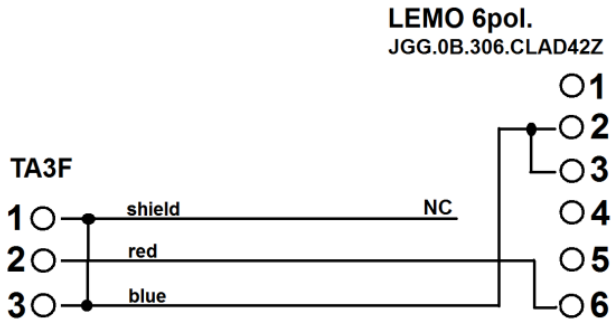


Cable: Per2x0.14CP
Length: connector end to connector end 16,5 cm

UMP-OUT/06L

TA3F to 6-pin Lemo

... for Micron Explorer



Cable: Per2x0.14CP
Length: connector end to connector end 16,5 cm

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MADE IN GERMANY

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